

## APPENDIX

[0032] As an example, suppose that for some scanline  $y$ ,  $n_y=5$  and segment end points are  $X_{y,1}, \dots, X_{y,5}$ . FIG. 3B shows scanline segments  $S_{y,1}, S_{y,2}, \dots, S_{y,5}$ , each having an associated function  $Z_{y,i}(x)$  (not shown). Thus,  $S_{y,1}$  has the function  $Z_{y,1}(x)$ , while  $S_{y,2}$  has the function  $Z_{y,2}(x)$ , and so forth. Alternatively, in addition to a linear function,  $Z_{y,i}(x)$  may take on a non-linear function such as  $Z_{y,i}(x) = a_{1,y,i} \cdot [(x^k)] + a_{2,y,i} \cdot [(x^{(k-1)})] + \dots + a_{k,y,i} \cdot [(x)] + b_{y,i}$ ; where  $k$  and  $a_1 \dots a_k$  may be any real value.